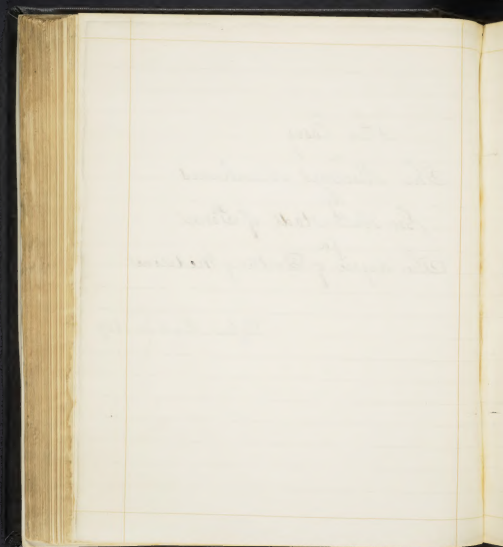


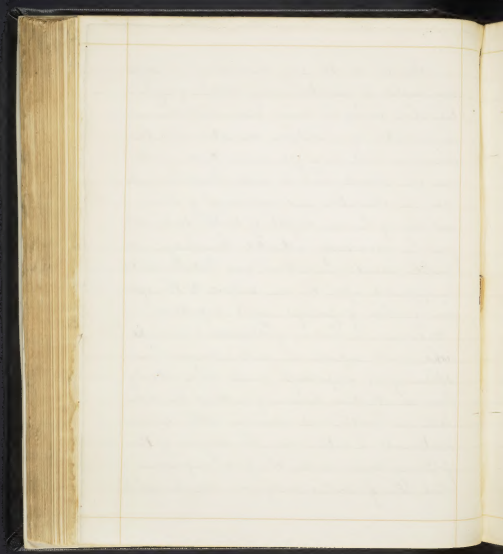
An Essay
on
The Mucous Membranes
by
Geo. Halberstadt, of Penn.^a
for
The degree of Doctor of Medicine

Passed March 4. 1829



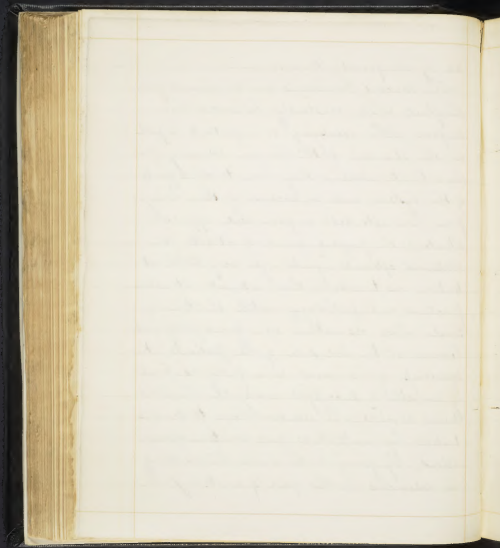
To one on the very threshold of the sciences, would be presented many obstacles & difficulties, which would be almost insurmountable, in the prosecution of a subject connected with the sciences, in which he is yet a mere tyro, if it were not allowed him to make large draughts upon the observations and experience of others, and even if he were competent to the task, still from his necessarily restricted knowledge and limited means, much time and labour would be expended upon the one subject to the exclusion of others of perhaps equal importance.

Medicine is a science of observation, and, he who would improve it, and enlarge the sphere of its usefulness, must have already been an attentive observer of natural operations both in health, and disease, with these sentiments I enter upon the subject of the following pages, under the full impression that the greatest indulgence will be exhibited



ted by the faculty towards me.

The Mucous Membranes are so named from the fluid which constantly lubricates their surfaces, altho' occupying so important a part in the structure of the human economy, from the intimate relations they bear to other parts of the system, and, on account of their being from their extended surface and exposed situation, the frequent point of attack for deleterious external agents, yet very little attention was turned to their intimate structure, functions, and pathology, untill the time of Pinel, whose observations were principally made however, at the bed side of his patients, the correctness of his views were fully confirmed by an able & successful coadjutor, the illustrious Richat, who reduced them to demonstrations, by multiplied post mortem examinations, by giving to the world the result of his researches in this part of anatomy, the

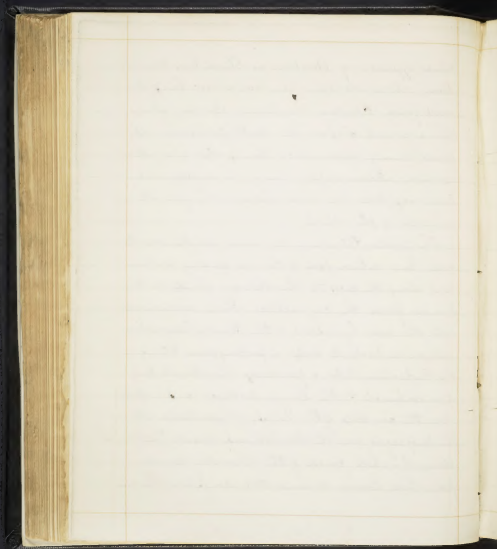


has obtained for himself a halo of imperishable fame. The profession cannot too sincerely regret the loss of his great and valuable talents, altho' he had scarcely reached the meridian of life, yet was his genius at its midday splendor, he was already looked upon by all Europe as the favorite child of science, and the brightest ornament of our profession, his name already held an exalted rank among those distinguished for mental endowment and scientific acquirement. to his labours are we chiefly indebted for our knowledge of the tissues which will constitute the subject of this essay, from him therefore will I borrow largely. — The Mucous Membrane lines all the outlets of the body, in it are exhibited some of the most conspicuous phenomena of life, as Respiration, digestion secretion, excretion &c, it has received various

I think you will find it very
interesting to see how the
people of the world are
different from each other
in their habits and customs
and in the way they think
and feel. I have been to
many different places and
have seen many different
things. I have seen people
who are very different from
us in every way. I have
seen people who are very
kind and friendly, and
people who are very
mean and cruel. I have
seen people who are very
rich and powerful, and
people who are very poor
and weak. I have seen
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names expressive of structure, as Glandulous Mem-
brane, velvety Membrane &c. that which lines the
nasal fossa. Mucous Membrane. Pichat gives
them a general division into Gastro-Pulmonary, and
Genito-Urinary, besides which there is also a small
insulated mucous surface lining the nipples, and
lactiferous tubes, but which possesses the general
character of the others.

The Gastro-Pulmonary commences at the mouth
nose, and anterior face of the eye, sending prolonga-
tions along the ducts to the Salivary glands, to the
Lenses, forms the conjunctiva, which communicates
with the nose by means of the Fimbr. lacrymalis
and nasal ducts it sends a prolongation along
the Eustachian tube, & penetrating the internal ear,
it is continued to the Larynx. Trachea: and is spread
over the air cells of the Lungs, it penetrates into
the Oesophagus and the Stomach, and spreads itself
along the whole course of the Alimentary canal,
from which however it sends two elongations, the one



in the United States of America. The object of
the report is to show the progress of the
and to show the progress of the United States
in the world.

The report is divided into two parts. The first
part is the United States of America. The second
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The second part is the United States of America.



I have been thinking of you
 and of the great peace
 that you have found. I am
 glad to hear of it. I hope
 it will be a permanent
 blessing to you. I am
 ever your friend,
 J. H.

[illegible]



I have been thinking of you
 lately, and wondering how
 you are getting on. I hope
 you are well and happy.
 I am still the same old
 me, but I am getting
 on my feet again.

The first of these is the fact that the
 majority of the population of the
 United States is now living in the
 cities and towns. This is a result of
 the fact that the cities and towns are
 the centers of the industrial and
 commercial life of the country. The
 cities and towns are the places where
 the people are most likely to find
 employment and to earn their living.



I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you. I have been thinking of you a great deal lately, and wondering how you are getting on. I hope you are well and happy. I have been very busy lately, but I have managed to find some time to write to you.



[illegible]



[illegible]



[illegible]

Besidia Glomerata also only a small number
found on the above 11 - These also
have numerous glands. They are found either



[illegible]



The first of these is the fact that the
 system is not a simple one, but a complex one.
 It is a system of many parts, each of which
 has its own function, and all of which are
 interrelated. The system is designed to
 produce a certain result, and it is the
 function of each part to contribute to that
 result. The system is not a static one, but
 a dynamic one, and it is the function of
 each part to adapt to the changing
 conditions of the environment. The system
 is designed to be flexible, and it is the
 function of each part to be able to
 change its function as needed. The system
 is designed to be efficient, and it is the
 function of each part to be able to
 perform its function in the most efficient
 manner possible. The system is designed to
 be reliable, and it is the function of each
 part to be able to perform its function
 without fail. The system is designed to be
 durable, and it is the function of each
 part to be able to withstand the wear and
 tear of use. The system is designed to be
 safe, and it is the function of each part
 to be able to perform its function without
 causing harm to anyone. The system is
 designed to be easy to use, and it is the
 function of each part to be able to be
 operated by anyone. The system is
 designed to be affordable, and it is the
 function of each part to be able to be
 produced at a low cost. The system is
 designed to be effective, and it is the
 function of each part to be able to
 produce the desired result. The system is
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 produce the desired result.



The first of the two is a small
 pond, the water of which is
 very pure and clear. The second
 is a large pond, the water of which
 is very muddy and turbid.



The first thing I noticed when I stepped
 out of the car was the heat. It was a
 sticky, oppressive heat that seemed to
 wrap around me. I had heard that the
 weather was bad, but I didn't realize it
 would be this intense. The sun was
 beating down on the pavement, and the
 air was thick with humidity. I took a
 deep breath and tried to adjust to the
 new environment. The first few days
 were a challenge, but I knew I had to
 push through. I started by going for
 short walks in the morning and evening
 when the heat was less intense. I also
 made sure to drink plenty of water and
 avoid the sun during the middle of the
 day. As the days went by, I began to
 feel more comfortable. The heat was still
 there, but it no longer felt so overwhelming.
 I had learned to live with it, and I was
 starting to enjoy the unique atmosphere
 of the place. The heat was just one
 of the many things that made this
 location special. I was beginning to
 see the beauty in the struggle, and I
 was starting to love the heat.



I have been thinking much lately about the future of our country. I feel that we are at a critical juncture in our history. The challenges we face are great, but I believe that if we stand united and work together, we can overcome them. We must protect our freedoms, promote economic growth, and ensure justice for all. I am optimistic about the future of our nation, and I am committed to doing whatever it takes to make it a better place for everyone.

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[illegible]

When the skin becomes inflamed it constitutes a furcle, it is accompanied with pain some other furcle is differently situated & the skin on the nose is a good example of it. It is a skin as to consider the furcle over the cheek bones, it soon becomes more violent & the furcle natural, this furcle cannot be removed in a very short time, and becoming chronic. This furcle is also subject to Osena and is enlarged and cold hair grows on the nose and the skin on the nose is thickened. It is a frequent occurrence of which there are 1000 cases. The one soft and the other is a hard and is a frequent occurrence of which there are 1000 cases. The one soft and the other is a hard and is a frequent occurrence of which there are 1000 cases.



Since a test of the null hypothesis is a
test of the equality of the two population means of the
two groups, the test is a two-tailed test.

1. The first of these is the fact that the
 Government has been unable to secure
 the necessary funds to carry out its
 policy of non-interference. This is due
 to the fact that the Government has
 been unable to secure the necessary
 funds to carry out its policy of non-
 interference. This is due to the fact
 that the Government has been unable
 to secure the necessary funds to carry
 out its policy of non-interference.

1.

[illegible]

The League and I have our first act to do
next morning, called League. The first



[illegible]

The Choroid is subject to inflammation in the same manner as the Iris, and is called Choroiditis.

The stone arch is apparently the work of the last stone
carver here and differs from the others, since it is
supported with two vertical supports as in
your model, instead of one. It is also the only
one in the series in which it terminates in a vertical.



[illegible]

Seneca is an affection of the stomach & will arise
from the same cause as the other
Seneca of the various kinds of the same
is called -



The most common collection of the mucous lining
of the intestine is that of the stomach, the same
phenomena in this as in other parts of the mucous
surface, when the peristaltic motion is arrested
and the mucus is thick & stringy, similar to that of the
stomach. One of more interest it has become
fossilized and is known under the term Leptenteris.
This is characterized by frequent gaping stools, deeply
mucous in nature, mixed with blood, numerous. The
most frequent Leptenteris considered as peculiar to the
mucous membrane, natural stools are pale, and
often do it in the form of hard, compact
masses and sometimes, sometimes admixtures of mucus
and blood. The similar to that of the stomach, this
year when the stomach is the G-lick had
lost the stomach in a case, it is known as
Leptenteris. Sometimes it terminates
in severe Leptenteris, in which there is a transition
from the Leptenteris. The mucus is a white
and is the most common of the intestine, it is



From a P. 1, the contact occurs about the
section, almost again a note is like place,
but here we mostly the answer to a list of
a list is an exact distance of 1/2 mile
in the case of a mile, it is not the de
scribing of a mile, or a mile, or a mile
using, or a mile, or a mile, or a mile
or a mile, or a mile, or a mile,

[illegible]



[illegible]



is a disease of less consequence than in Men.
The vagina is the seat of it in them. The symptoms
are nearly similar, being however, much milder.
The mucous lining of the vagina is liable to a
disease very much resembling Gonorrhea, and
which, indeed, it is difficult to distinguish from
it, it is called Leucorrhoea, or Fluor Albus. This
arises independantly of any venereal contamination
it is in its nature very analogous to Coryza.

The Mucous Membrane of the Uterus is frequently
the seat of Hemorrhage, this is produced by abor-
tions, by any violent exertions, general plethora.
They are more likely to occur during pregnancy,
about the period of the fifth month. The discharge
of blood is often very profuse. Cancer is a disease
to which the uterus is subject, taking place generally
about the period of the cessation of the Menstrue.

Fungus sometimes occurs in the uterus, they are
often of very luxuriant growth, filling up the
whole cavity of the uterus, sometimes presenting

themselves at the labia. They are very vascular and bleed easily, they are also readily agglutinated.

The Mucous Membrane of the bladder is often irritated producing a Catarrh. This disease is common with old people. There is discharged with the urine a large quantity of mucus.

Ulcers are sometimes found in the bladder, they are accompanied with pain, difficulty of voiding the urine, with some discharge of blood.

The mucous lining of the Uters of the Steeking and of the Vagina, may also be in a state of irritation from the passage of a calculus -

